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... PKEYC-Keypoint communication **data** · PLNAC-Check symbolic line **type** · PLNSC-Find
 SLST ... SLNKC-Control program (CP) save link **data** & set stack pointer ...
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Define Collection Agents

Data Processing Baseline Interval — **Type** the number of weeks of the ... **Delete** Raw
Data After — Select the time **frame** for deleting **data**: Days, Weeks, ...
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R: Tips for Creating, Modifying, and Checking Data Frames

data.frame.create.modify.check {Hmisc}, R Documentation ... that are done on many
 variables after attaching the **data frame** in **search** position one. ...
 lib.stat.cmu.edu/S/Harrell/help/ Hmisc/html/**data.frame.create.modify.check**.html - 18k - [Cached](#) - [Similar pages](#)

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Modify Data : **Data** entry user interface also provide certain privileged users
 ... To set **search** condition, user can either **type** into text field or select a ...
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Knowledge Base - GIS Technical Support

Select a **data frame** or all **data frames**. Select a layer or press the Select ...
 Attempting to **delete** a **data** set in ArcCatalog fails and returns the message: ...
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ONJava.com: Configuring Database Access in Eclipse 3.0 with ...

Next, we shall retrieve and **modify** the **data** from the example table Catalog
Data Type, The **data type** for the column. Size, The column size. ...
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Appendix E. Command Summary

MD **modify** CM **data** segment MDB **modify** CM DB-relative MODD **delete** temporary dump
 ... SYMOPEN open a symbolic file with **data types** in debug records ...
 docs.hp.com/en/32650-90888/aqe.html - 39k - [Cached](#) - [Similar pages](#)

Oracle Performance Manager Overview

Allows you to **delete** a named historical **data** collection. ... Oracle Performance
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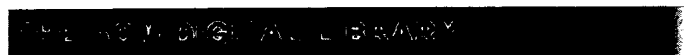


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R

1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on C research**

Full text available: [pdf\(4.21 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process diagrams are often used to obtain a better understanding of the execution of the application. The we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are complex and do not provide the user with the desired overview of the application. In our experier display repeated occurrences of non-trivial commun ...

2 [Technique for automatically correcting words in text](#)

Karen Kukich

December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Full text available: [pdf\(6.23 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index te](#)

Research aimed at correcting words in text has focused on three progressively more difficult prob error detection; (2) isolated-word error correction; and (3) context-dependent work correction. In first problem, efficient pattern-matching and n-gram analysis techniques have been developed for that do not appear in a given word list. In response to the second problem, a variety of general al specific spelling cor ...

Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent spelling co grammar checking, natural-language-processing models, neural net classifiers, spell checking, sp detection, spelling error patterns, statistical-language models, word recognition and correction

3 [Special issue: AI in engineering](#)

D. Sriram, R. Joobani

April 1985 **ACM SIGART Bulletin**, Issue 92

Full text available: [pdf\(8.79 MB\)](#)

Additional Information: [full citation](#), [abstract](#)

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4 Special issue on knowledge representation

Ronald J. Brachman, Brian C. Smith
February 1980 **ACM SIGART Bulletin**, Issue 70

Full text available:  [pdf\(13.13 MB\)](#)



Additional Information: [full citation](#), [abstract](#)

In the fall of 1978 we decided to produce a special issue of the SIGART Newsletter devoted to a knowledge representation research. We felt that there were two useful functions such an issue could we hoped to elicit a clear picture of how people working in this subdiscipline understand knowledge research, to illuminate the issues on which current research is focused, and to catalogue what approaches techniques are currently being developed. Second ...

5 The FINITE STRING Newsletter: Abstracts of current literature

Computational Linguistics Staff
January 1987 **Computational Linguistics**, Volume 13 Issue 1-2


Full text available:

 [pdf\(6.15 MB\)](#)  [Publisher Site](#)

Additional Information: [full citation](#)

6 Special section: Special issue on AI and Database research

Jonathan J. King
October 1983 **ACM SIGART Bulletin**, Issue 86

Full text available:  [pdf\(3.84 MB\)](#)

Additional Information: [full citation](#), [abstract](#)

This collection of research summaries spans a very wide range of interests under the general heading of Database research. In this introduction, I briefly describe the leading areas of interest that emerge from reports submitted for this issue.

7 Structured hypertext with domain semantics

Weigang Wang, Roy Rada
October 1998 **ACM Transactions on Information Systems (TOIS)**, Volume 16 Issue 4

Full text available:  [pdf\(593.99 KB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

One important facet of current hypertext research involves using knowledge-based techniques to maintain document structures. A semantic net is one such technique. However, most semantic-net hypertext systems leave the linking consistency of the net to individual users. Users without guidance accidentally introduce structural and relational inconsistencies in the semantic nets. The relational inconsistency hinders the creation of domain information models. The structural inconsistency ...

Keywords: graph theory, hypertext models, hypertext structures

8 Human-computer interface development: concepts and systems for its management

H. Rex Hartson, Deborah Hix
March 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 1

Full text available:  [pdf\(7.97 MB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Human-computer interface management, from a computer science viewpoint, focuses on the production of quality human-computer interfaces, including their representation, design, implementation, execution and maintenance. This survey presents important concepts of interface management: dialogue in structural modeling, representation, interactive tools, rapid prototyping, development methodology and structures. *Dialogue independence* is the ...

9 Machine interpretation of CAD data for manufacturing applications

Qiang Ji, Michael M. Marefat

September 1997 **ACM Computing Surveys (CSUR)**, Volume 29 Issue 3

Full text available:  pdf(1.90 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


Machine interpretation of the shape of a component for CAD databases is an important problem in computer vision, and intelligent manufacturing. It can be used in CAD/CAM for evaluation of design for machine recognition and machine inspection of objects, and in intelligent manufacturing and integrating the link between design and manufacturing. This topic has been an active area of the late '70s, and a significant number of computat ...

Keywords: artificial intelligence, automated process planning, computer-aided design, computer-manufacturing, feature recognition, flexible automation

10 Query evaluation techniques for large databases

Goetz Graefe

June 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 2

Full text available:  pdf(9.37 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


Database management systems will continue to manage large data volumes. Thus, efficient algorithm accessing and manipulating large sets and sequences will be required to provide acceptable performance. The advent of object-oriented and extensible database systems will not solve this problem. On the contrary, data models exacerbate the problem: In order to manipulate large sets of complex objects as efficiently as database systems manipulate simple records, query-processing ...

Keywords: complex query evaluation plans, dynamic query evaluation plans, extensible database systems, iterators, object-oriented database systems, operator model of parallelization, parallel algorithms, database systems, set-matching algorithms, sort-hash duality

11 Concepts and paradigms of object-oriented programming

Peter Wegner

August 1990 **ACM SIGPLAN OOPS Messenger**, Volume 1 Issue 1

Full text available:  pdf(5.52 MB)


Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

We address the following questions for object-oriented programming: *What is it? What are its goals? What are its origins? What are its paradigms? What are its design alternatives? What are its models of concurrency? What are its formal computational models? What comes after object-oriented programming?* Starting from software goals, we examine the origins and paradigms of object-oriented programming, explore its language alternatives ...

12 Special issue on ill-formed input: Recovery strategies for parsing extragrammatical language

Jaime G. Carbonell, Philip J. Hayes

July 1983 **Computational Linguistics**, Volume 9 Issue 3-4

Full text available:  pdf(2.59 MB)



 [Publisher Site](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Practical natural language interfaces must exhibit robust behaviour in the presence of extragrammatical input. This paper classifies different types of grammatical deviations and related phenomena at the lexical, dialogue levels and presents recovery strategies tailored to specific phenomena in the classification. These strategies constitute a tool chest of computationally tractable methods for coping with extragrammatical restricted domain natural language. Some of the ...

13 The Berkeley UNIX consultant project

Robert Wilensky, David N. Chin, Marc Luria, James Martin, James Mayfield, Dekai Wu

December 1988 **Computational Linguistics**, Volume 14 Issue 4

Full text available:  [pdf\(4.41 MB\)](#)  [Publisher Site](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

UC (UNIX Consultant) is an intelligent, natural language interface that allows naive users to learn operating system. UC was undertaken because the task was thought to be both a fertile domain for intelligence (AI) research and a useful application of AI work in planning, reasoning, natural language and knowledge representation. The current implementation of UC comprises the following components: analyzer, called ALANA, produces a representation ...

14 The software information base: a server for reuse

Panos Constantopoulos, Matthias Jarke, John Mylopoulos, Yannis Vassiliou
January 1995 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 12 Issue 1



Full text available:  [pdf\(1.87 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

We present an experimental software repository system that provides organization, storage, management and access facilities for reusable software components. The system, intended as part of an application environment, supports the representation of information about requirements, designs and implemented software, and offers facilities for visual presentation of the software objects. This article details the architecture of the repository system, the technical challenges and the implementation.

Keywords: conceptual modeling, information storage and retrieval, object-oriented databases, requirements engineering

15 The FINITE STRING newsletter: Abstracts of current literature

Computational Linguistics Staff
April 1986 **Computational Linguistics**, Volume 12 Issue 2

Full text available:  [pdf\(2.41 MB\)](#)  [Publisher Site](#) Additional Information: [full citation](#)

16 Streams, structures, spaces, scenarios, societies (5s): A formal model for digital libraries

Marcos André Gonçalves, Edward A. Fox, Layne T. Watson, Neill A. Kipp
April 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 2

Full text available:  [pdf\(316.85 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Digital libraries (DLs) are complex information systems and therefore demand formal foundations. Efforts to formalize DLs have diverged and interoperability suffers. In this article, we propose the fundamental abstraction of Streams, Spaces, Scenarios, and Societies (5S), which allow us to define digital libraries rigorously. Streams are sequences of arbitrary items used to describe both static and dynamic (e.g., video) content. Structures can be viewed as labeled directed graphs ...

Keywords: applications, definitions, foundations, taxonomy

17 SIGART special issue on machine learning

April 1981 **ACM SIGART Bulletin**, Issue 76


Full text available:  [pdf\(3.33 MB\)](#) Additional Information: [full citation](#), [abstract](#)

Current research on Machine Learning encompasses a diverse set of approaches, and of opinions on what the important issues lie. The significant increase of interest and research activity in Machine Learning in a few years has led us to organize this special issue of SIGART, whose purpose is to provide a snapshot of research in this field. This issue contains a set of summaries of ongoing research, solicited from the community, and received from thirty-five researchers ...

18 A review of vessel extraction techniques and algorithms

Cemil Kirbas, Francis Quek

June 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 2

Full text available:  pdf(8.06 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


Vessel segmentation algorithms are the critical components of circulatory blood vessel analysis systems. We present a survey of vessel extraction techniques and algorithms. We put the various vessel extraction techniques in perspective by means of a classification of the existing research. While we have the extraction of blood vessels, neurovascular structure in particular, we have also reviewed some segmentation methods for the tubular objects that show ...

Keywords: Magnetic resonance angiography, X-ray angiography, medical imaging, neurovascular extraction

19 Geographic Data Processing

George Nagy, Sharad Wagle

June 1979 **ACM Computing Surveys (CSUR)**, Volume 11 Issue 2


Full text available:  pdf(4.20 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

20 Commercially viable active networking

Stuart Eichert, Osman N. Ertugay, Dan Nessett, Suresh Vobbilisetty

January 2002 **ACM SIGOPS Operating Systems Review**, Volume 36 Issue 1

Full text available:  pdf(1.52 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Active Networking is a new technology receiving significant attention from the research community; however, it has not been examined from the perspective of commercial viability. This paper presents active networking issues with a view to its possible uses in a commercial environment. It then describes a prototype system built to address these issues.

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1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on C**

Full text available: pdf(4.21 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process diagrams can help to obtain a better understanding of the execution of the application. The visualization tool we use is the VIZ tool from the University of Waterloo. However, these diagrams are often very complex and do not provide the user with a clear view of the application. In our experience, such tools display repeated occurrences of non-trivial communication patterns.

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3 [Technique for automatically correcting words in text](#)

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Full text available: pdf(6.23 MB)

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Research aimed at correcting words in text has focused on three progressively more difficult problems: (1) isolated-word error correction; and (2) context-dependent word correction. In response to the first problem, n-gram analysis techniques have been developed for detecting strings that do not appear in a dictionary. In the second problem, a variety of general and application-specific spelling correction techniques have been developed.

Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent spelling correction, language-processing models, neural net classifiers, spell checking, spelling error detection, spelling correction models, word recognition and correction

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Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#)

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9 Query evaluation techniques for large databases

Goetz Graefe


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Keywords: Magnetic resonance angiography, X-ray angiography, medical imaging, neurovascular

15 The use of description logics in KBSE systems

Premkumar Devanbu, Mark A. Jones

April 1997 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume

Full text available:  [pdf\(365.07 KB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#)

The increasing size and complexity of many software systems demand a greater emphasis on capabilities at many different levels within the software development process. This knowledge includes describing components and their behavior, external and internal design specifications, and support for systems. Software engineering (KBSE) research paradigm is concerned with systems that use formally represented

Keywords: automated software engineering, knowledge basis, logics, software development environment

16 SIGART special issue on machine learning

April 1981 **ACM SIGART Bulletin**, Issue 76

Full text available:  [pdf\(3.33 MB\)](#)

Additional Information: [full citation](#), [abstract](#)

Current research on Machine Learning encompasses a diverse set of approaches, and of opinions. The significant increase of interest and research activity in Machine Learning over the past few years is the issue of SIGART, whose purpose is to provide a snapshot of current research in this field. This issue contains ongoing research, solicited from the community at large, and received from thirty-five researchers ...

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Computational Linguistics Staff


April 1986 **Computational Linguistics**, Volume 12 Issue 2

Full text available:  [pdf\(2.41 MB\)](#)  Additional Information: [full citation](#)
[Publisher Site](#)

18 Distributed operating systems

Andrew S. Tanenbaum, Robbert Van Renesse

December 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 4

Full text available:  [pdf\(5.49 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#)

Distributed operating systems have many aspects in common with centralized ones, but they also differ. This paper is intended as an introduction to distributed operating systems, and especially to current research. It discusses what constitutes a distributed operating system and how it is distinguished from a computer network. Then several examples of current research projects are examined in some detail ...

19 Streams, structures, spaces, scenarios, societies (5s): A formal model for digital libraries

Marcos André Gonçalves, Edward A. Fox, Layne T. Watson, Neill A. Kipp

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EC: H04L29/06E IPC: G06F15/16
Publication info: **US2005005029** - 2005-01-06
- 3 System and method of accessing and transmitting different data frames in a digital transmission network**
Inventor: HE ZHIQUN (CN); WANG YUXIANG (CN) Applicant:
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Publication info: **US2004258080** - 2004-12-23
- 4 System and method of accessing and transmitting different data frames in a digital transmission network**
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